

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) An object identifier reader, comprising:  
a communication port for communicating with a host computing device;  
a storage medium;  
a processor;  
a memory in electronic communication with the processor; and  
instructions stored in the memory, the instructions being executable ~~for to implement a~~  
~~method comprising:~~  
reading an object identifier to obtain data;  
automatically determining whether to send the data to the host computing device  
or to store the data in the storage medium; and  
~~at least one of storing the data in the storage medium and attempting to send the~~  
~~data to the host computing device; and~~  
~~if the object identifier reader is connected to the host computing device,~~  
automatically attempting to send stored data in the storage medium to the  
host computing device in response to determining that the object identifier  
reader is connected to the host computing device.
2. (Original) The object identifier reader of claim 1, wherein the data are stored in the storage medium and at least one attempt is made to send the data to the host computing device.
3. (Original) The object identifier reader of claim 1, wherein at least one attempt is made to send the data to the host computing device if the storage medium is empty, and wherein the data are stored in the storage medium if the at least one attempt fails or if the storage medium is not empty.

4. (Original) The object identifier reader of claim 1, wherein at least one attempt is made to send the data to the host computing device, and wherein the data are stored in the storage medium if the at least one attempt fails.
5. (Currently Amended) The object identifier reader of claim 4, wherein reading the object identifier is performed by a main task, and wherein automatically determining whether to send the data to the host computing device or to store the data in the storage medium and automatically sending the stored data in the storage medium to the host computing device ~~the other steps of the method~~ are performed by a data task that executes in parallel to the main task.
6. (Currently Amended) The object identifier reader of claim 4, wherein the data comprise an image, wherein reading the object identifier is performed by a main task, wherein automatically determining whether to send the data to the host computing device or to store the data in the storage medium and automatically sending the stored data in the storage medium to the host computing device ~~the other steps of the method~~ are performed by a data task, and wherein the main task and the data task execute sequentially.
7. (Currently Amended) The object identifier reader of claim 1, wherein the ~~method further comprises~~ instructions are also executable for clearing the stored data from the storage medium when the stored data are sent to the computing device.
8. (Currently Amended) The object identifier reader of claim 1, wherein the ~~method further comprises~~ instructions are also executable for attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device.
9. (Original) The object identifier reader of claim 1, wherein the storage medium comprises non-volatile storage.

10. (Original) The object identifier reader of claim 9, wherein the storage medium further comprises volatile storage.
11. (Original) The object identifier reader of claim 1, further comprising an additional storage medium for storing a copy of the data as a log.
12. (Original) The object identifier reader of claim 1, further comprising saving metadata in the storage medium to differentiate buffered data from log data.
13. (Currently Amended) The object identifier reader of claim 1, wherein the ~~method further comprises~~ instructions are also executable for disconnecting from the host computing device if the object identifier reader is connected to the computing device and the object identifier reader does not have any data to send to the host computing device.
14. (Original) The object identifier reader of claim 1, further comprising entering a power-saving mode if the storage medium is empty or if the object identifier reader cannot connect to the host computing device after a period of time.

15. (Currently Amended) An object identifier reader, comprising:
- a communication port for communicating with a host computing device;
  - a storage medium;
  - a processor;
  - a memory in electronic communication with the processor; and
- instructions stored in the memory, the instructions being executable ~~for to implement a method comprising:~~
- reading an object identifier to obtain data;
  - storing the data in the storage medium;
  - automatically determining whether the object identifier reader is connected to the host computing device and automatically attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device; and
- ~~if the object identifier reader is connected to the host computing device,~~
- automatically attempting to send stored data in the storage medium to the host computing device in response to determining that the object identifier reader is connected to the host computing device.

16. (Currently Amended) An object identifier reader, comprising:
- a communication port for communicating with a host computing device;
  - a storage medium;
  - a processor;
  - a memory in electronic communication with the processor; and
- instructions stored in the memory, the instructions being executable ~~for to implement a method comprising:~~
- reading an object identifier to obtain data;
  - automatically determining whether the object identifier reader is connected to the host computing device and automatically attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device;
  - automatically determining whether the storage medium is empty, and if the storage medium is empty, automatically making at least one attempt to send the data to the host computing device;
  - automatically storing the data in the storage medium if the at least one attempt fails or if the storage medium is not empty; and
  - ~~if the object identifier reader is connected to the host computing device,~~
  - automatically attempting to send stored data in the storage medium to the host computing device in response to determining that the object identifier reader is connected to the host computing device.

17. (Currently Amended) An object identifier reader, comprising:
- a communication port for communicating with a host computing device;
  - a storage medium;
  - a processor;
  - a memory in electronic communication with the processor; and
- instructions stored in the memory, the instructions being executable ~~for to implement a method comprising:~~
- reading an object identifier to obtain data;
  - automatically determining whether the object identifier reader is connected to the host computing device and automatically attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device;
  - automatically making at least one attempt to send the data to the host computing device;
  - automatically storing the data in the storage medium if the at least one attempt fails; and
- ~~if the object identifier reader is connected to the host computing device,~~
- automatically attempting to send stored data in the storage medium to the host computing device in response to determining that the object identifier reader is connected to the host computing device.

18. (Currently Amended) In an object identifier reader, a method comprising:  
reading an object identifier to obtain data;  
automatically determining whether to send the data to a host computing device or to store  
the data in a storage medium of the object identifier reader; and  
~~at least one of storing the data in a storage medium of the object identifier reader and~~  
~~attempting to send the data to a host computing device; and~~  
~~if the object identifier reader is connected to the host computing device, automatically~~  
attempting to send stored data in the storage medium to the host computing device  
in response to determining that the object identifier reader is connected to the host  
computing device.
19. (Original) The method of claim 18, wherein the data are stored in the storage medium  
and at least one attempt is made to send the data to the host computing device.
20. (Original) The method of claim 18, wherein at least one attempt is made to send the data  
to the host computing device if the storage medium is empty, and wherein the data are stored in  
the storage medium if the at least one attempt fails or if the storage medium is not empty.
21. (Original) The method of claim 18, wherein at least one attempt is made to send the data  
to the host computing device, and wherein the data are stored in the storage medium if the at least  
one attempt fails.
22. (Original) The method of claim 21, wherein reading the object identifier is performed by  
a main task, and wherein the other steps of the method are performed by a data task that executes  
in parallel to the main task.

23. (Original) The method of claim 21, wherein the data comprise an image, wherein reading the object identifier is performed by a main task, wherein the other steps of the method are performed by a data task, and wherein the main task and the data task execute sequentially.
24. (Original) The method of claim 18, further comprising clearing the stored data from the storage medium when the stored data are sent to the computing device.
25. (Original) The method of claim 18, further comprising attempting to connect to the host computing device if the object identifier reader is not connected to the host computing device.
26. (Original) The method of claim 18, further comprising storing a copy of the data as a log in an additional storage medium.
27. (Original) The method of claim 18, further comprising saving metadata in the storage medium to differentiate buffered data from log data.
28. (Original) The method of claim 18, wherein the method further comprises disconnecting from the host computing device if the object identifier reader is connected to the computing device and the object identifier reader does not have any data to send to the host computing device.
29. (Original) The method of claim 18, further comprising entering a power-saving mode if the storage medium is empty or if the object identifier reader cannot connect to the host computing device after a period of time.



30. (Currently Amended) In an object identifier reader, a method comprising:
- reading an object identifier to obtain data;
  - storing the data in a storage medium of the object identifier reader;
  - automatically determining whether the object identifier reader is connected to a host  
computing device and automatically attempting to connect to [[a]] the host  
computing device if the object identifier reader is not connected to the host  
computing device; and
  - ~~if the object identifier reader is connected to the host computing device, automatically~~  
attempting to send stored data in the storage medium to the host computing device  
in response to determining that the object identifier reader is connected to the host  
computing device.

31. (Currently Amended) In an object identifier reader, a method comprising:  
reading an object identifier to obtain data;  
automatically determining whether the object identifier reader is connected to a host  
computing device and automatically attempting to connect to [[a]] the host  
computing device if the object identifier reader is not connected to the host  
computing device;  
automatically determining whether a storage medium of the object identifier reader is  
empty, and if [[a]] the storage medium of the object identifier reader is empty,  
automatically making at least one attempt to send the data to the host computing  
device;  
automatically storing the data in the storage medium if the at least one attempt fails or if  
the storage medium is not empty; and  
~~if the object identifier reader is connected to the host computing device,~~ automatically  
attempting to send stored data in the storage medium to the host computing device  
in response to determining that the object identifier reader is connected to the host  
computing device.

32. (Currently Amended) In an object identifier reader, a method comprising:  
reading an object identifier to obtain data;  
automatically determining whether the object identifier reader is connected to a host  
computing device and automatically attempting to connect to [[a]] the host  
computing device if the object identifier reader is not connected to the host  
computing device;  
automatically making at least one attempt to send the data to the host computing device;  
automatically storing the data in a storage medium of the object identifier reader if the at  
least one attempt fails; and  
~~if the object identifier reader is connected to the host computing device, automatically~~  
attempting to send stored data in the storage medium to the host computing device  
in response to determining that the object identifier reader is connected to the host  
computing device.